

determining that a busy/no answer condition exists for the device corresponding to the number at which the incoming call is received;

consulting a call forward setting for subscriber; and

performing a call forwarding action to the mobility device if the busy/no answer condition exists for the fixed-site device, or to the fixed-site device if the busy/no answer condition exists for the mobility device, based upon the call forward setting of the subscriber.

9. (Amended) The method of claim 1, wherein the incoming call is received at a Mobile Switching Center associated with the Directory Number of the subscriber's mobility device, and wherein consulting a call forward setting for the subscriber includes:

sending a request for routing information from the Mobile Switching Center to a Home Location Register storing a subscriber profile; and

receiving routing information from the Home Location Register at the Mobile Switching Center, where the routing information is based upon the subscriber profile stored at the Home Location Register.

13. (Amended) A medium storing instructions adapted to be executed by a processor to perform steps including:

receiving an incoming call directed to one of a number corresponding to a fixed-site device and a number corresponding to a mobility device belonging to the subscriber;

depending on whether the incoming call is received at the fixed-site device or at the mobility device, determining that the fixed-site device is either busy, or that there is no answer at the fixed-site device, or that the mobility device is either busy, or that there is no answer at the mobility device;

consulting a subscriber profile that describes how to forward an incoming call for the subscriber; and

forwarding the incoming call to the mobility device if the fixed-site device is either busy or there is no answer at the fixed-site device, or to the fixed-site device if

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the mobility device is either busy or if there is no answer at the mobility device,
based upon the subscriber profile.

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16. (Amended) The medium of claim 13, wherein the instructions are adapted to be
executed by a processor in a Mobile Switching Center.

17. (Amended) The medium of claim 13, wherein the forwarding the incoming call
to a subscriber includes:

 sending a routing request to a Home Location Register storing a subscriber
profile;

 receiving routing information for the call from the Home Location Register
based upon the subscriber profile; and

 routing the call in accordance with the routing information received from the
Home Location Register.

18. (Amended) An apparatus for forwarding an incoming call to one of a plurality of
Directory Numbers belonging to a subscriber, including:

 a processor;

 a memory coupled to said processor, said memory storing instructions
adapted to be executed by said processor to receive an incoming call sent to one of
a Directory Number corresponding to a fixed-site device of the subscriber and a
Directory Number corresponding to a mobility device of the subscriber, determine
that a busy/no-answer condition exists for either the device at the fixed-site Directory
Number or the mobility device Directory Number depending on whether the incoming
call is received at the fixed-site device or at the mobility device, consult a subscriber
profile containing call forward information for the subscriber, and forward the call to
the mobility device if the fixed-site device is either busy or there is no answer at the
fixed-site device, or to the fixed-site device if the mobility device is either busy or if
there is no answer at the mobility device, based upon the subscriber profile
information.

C5 20. (Amended) The apparatus of claim 18, wherein the instructions are further adapted to send a request for routing information to a Home Location Register storing the subscriber profile, and to route the call to a fixed-site device in accordance with the routing information.

Please add the following new claims 23-32:

2687 23. (New) A method for updating a call forward setting via the Internet, comprising:
receiving a request to update the call forward setting from a subscriber, the request being generated using a browser-capable subscriber device connectable to the Internet; and
processing the request to update the call forward setting according to the request.

29 24. (New) The method of claim 23, wherein the processing includes updating a corresponding subscriber profile in a HLR.

530 25. (New) The method of claim 24, wherein the processing further includes:
determining that the update request requires updating call forwarding information on a Class 5 switch;
updating the call forward information on the Class 5 switch; and
returning a result to the subscriber.

26. (New) The method of claim 23, wherein the user device is a personal computer.

27. (New) The method of claim 23, wherein the user device is a mobility device.

28. (New) A medium storing instructions adapted to be executed by a processor to perform steps including:

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receiving a request to update a call forward setting from a subscriber, the request being generated using a browser-capable subscriber device connectable to the Internet; and

processing the request to update the call forward setting according to the request.

29. (New) The medium of claim 28, wherein the processing includes updating a corresponding subscriber profile in a HLR.

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30. (New) The medium of claim 29, wherein the processing further includes:
determining that the update request requires updating call forwarding information on a Class 5 switch;
updating the call forward information on the Class 5 switch; and
returning a result to the subscriber.

31. (New) A system for updating a call forward setting via the Internet, comprising an HLR connectable to the Internet and configured to receive a request to update the call forward setting from a subscriber, the request being generated using a browser-capable subscriber device connectable to the Internet, and to process the request to update the call forward setting according to the request.

32. (New) The system of claim 31, further comprising a Class 5 switch interface device coupled to the HLR, and a Class 5 switch coupled to the interface device, the Class 5 switch being adapted to receive commands from the interface device for updating call forwarding information responsive to an update call forwarding request corresponding to the subscriber request received by the interface device from the HLR.
